

# PICK & PACK

THE BULLETIN OF THE COLORADO SPRINGS MINERALOGICAL SOCIETY Published Since 1960

## Colorado Springs Mineralogical Society

Founded in 1936

— Lazard Cahn —  
Honorary President

"Pick & Pack"

Vol 61 Number 10  
Dec 2021



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## CSMS Christmas Party

Thursday, December 16, 2021 7:00 PM  
Mt. Carmel Veterans Center

### Pot Luck + Catered

Members with last names:

- A - G bring starches
- H - L bring fruits and veggies
- M - R bring salad
- S - Z bring dessert

In case of inclement weather please call Mt. Carmel Veteran's Service Center 719-309-4714

**Invitation:** CSMS Club Members

**What:** Christmas Party!

**When:** Dec 16, 2021, 7 PM

**Where:** Mt. Carmel Veteran Service Center



Bring a Side



**Gift Exchange:** Bring one wrapped (per guest), rockhound hobby-related gift valued between \$5 - \$15 for exchange

**Pot Luck + Catered:**  
Last name

- A - G bring starches
- H - L bring fruit/veggie
- M - R bring salad
- S - Z bring dessert



Gift Exchange



COLORADO SPRINGS MINERALOGICAL SOCIETY PO BOX 2 COLORADO SPRINGS, COLORADO 80901-0002

## CSMS Group Calendar

**Dec '21    Jan '22**

7 Dec	4 Jan	Fossil Group	1st Tues	7:00 PM	TBD	Jerry Suchan	303-648-3410
2 Dec	6 Jan	Board Meeting	1st Thur	6:00 PM	Zoom	John Massie	719-338-4276
16 Dec	20 Jan	Pebble Pups	3rd Thur	5:30 PM	Mt. Carmel Center	David St. John	719-424-9852
16 Dec	20 Jan	General Assy Meeting	3rd Thur	7:00 PM	Mt. Carmel Center	John Massie	719-338-4276
23 Dec	27 Jan	Crystal Group	4th Thur	7:00 PM	Mt. Carmel Center	Kevin Witte	719-638-7919
By appt	By appt	Faceting Group	By appt	By appt	Berta's House	John Massie	719-338-4276
By appt	By appt	Lapidary Group	By appt	By appt	Sharon's House	Sharon Holte	719-217-5683

## CSMS Club Events

**Dec 16:** 7 PM CSMS Christmas party! Mt. Carmel Veteran Service Center, Colorado Springs CO. Members with last name: A-G bring starches; H-L bring fruits and vegetables; M-R bring salad; S-Z bring dessert. Gift exchange: everyone bring one (per family member) wrapped rockhound hobby-related gift valued between \$5 - \$15 for exchange with a fellow (unspecified) rockhound at the party. Attire: Christmas.

## Community Events (P. Modreski)

**Dec 10-12:** Flatirons Gem & Mineral Show, Boulder County Fairgrounds, Longmont CO. Sponsored by the Flatirons Mineral Club, Boulder, CO; see [www.flatironsmineralclub.org](http://www.flatironsmineralclub.org).

**Feb 25-27, 2022:** Denver Gem and Mineral Guild Show, (returning to its old location), Jefferson County Fairgrounds, Exhibit Building. The club had earlier announced that it would be necessary for this show to move to the Wheat Ridge United Methodist Church gymnasium; but this will NOT be necessary, the show will take place at the Jeffco Fairgrounds after all, as in past pre-covid years

**Mar 25-27, 2022:** Fort Collins Rockhounds Show, Larimer County Fairgrounds, Longmont, CO.



# Secretary's Spot

# Meeting Minutes

## Colorado Springs Mineralogical Society

### 2021 CSMS Officers

**John Massie**, President

**Rick Jackson**, Vice-President

**Vacant**, Secretary

**Ann Proctor**, Treasurer

**Adelaide Bahr**, Membership Secretary

**John Emery**, Editor

**Chris Burris**, Member-at-Large

**Renee Swanson**, Member-at-Large

**Sharon Holte**, Past President

### 2021 CSMS Chairpersons

**Rick Jackson**, Program Coordinator

**John Massie**, Show Vol Coordinator

**Vacant**, Field Trip Coordinator

**Vacant**, Science Fair Chair

**Frank and Ellie Rosenberg**, Librarians

**Mark Schultz**, Social Committee Chair

**Ann Proctor**, Store Keeper

**Lisa Cooper**, Show Chairman

**Lisa Cooper**, Webmaster

**Lisa Cooper**, Facebook Keeper

**Mike Nelson**, Federation Representative

**Vacant**, Federation Representative

Thursday: Nov 18, 2021, 7:00 PM, 530 Communications Circle, Colorado Springs CO

#### Agenda:

- I. Call the meeting to order by our Vice President Rick Jackson at 7 PM
- II. Prayer led by Rick Jackson for the health of our President John Massie
- III. Pledge of Allegiance led by Rick Jackson
- IV. Introduction of Guests: Javier and Brenda
- V. Introduction of new members by Adelaide Bahr, Membership Secretary - none announced
- VI. Program - Introduction of Marge Regal by Rick Jackson. Her presentation on her 39 years of collecting was engaging and well received

#### VII. Meeting

- A. There were approximately 36 members/guest in attendance and 5 minerals were given out.
- B. Approval of October 2021 minutes - deferred

#### VIII. Officer Reports

- A. Vice - President - Rick Jackson
  1. Christmas Party Upcoming during December Meeting. Will have White Elephant gift exchange limited to \$15 dollar gift or nice rock specimen
  2. Rockhound of Year nominations open. Submit name and description of indication of merit
- B. Treasurer Ann Proctor- no report
- C. Membership Secretary - Adelaide Bahr
  1. Requested that all members send in their registration form which can be found on CSMS website. If no changes then the member need just sign and return with payment.
  2. \$5 discount for all membership renewals received prior to 31 Jan 2022
- D. Editor - John Emery - no report
- E. Members at Large - Chris Burris - no report
- F. Renee Swanson - no report
- G. Past President - Sharon Holte noted 25" rock saw operational and available for use.
- H. Website Coordinator - Lisa Kinder - no report

#### IX. Satellite Groups

- A. Crystal Group - Kevin Witte, stated that there would be no Nov mtg
- B. Faceting Group - John Massie, was not present
- C. Pebble Group - S. Veatch encouraged all to market the group; pebbles donated to program
- D. Fossil Group - Jerry Suchan, no report
- E. Jewelry Group - needs a chair
- F. Lapidary Group - Sharon Holte, by appointment only. Call Sunday evening after 6:30 PM

#### X. Liaisons

- A. Claims - Frank Rosenberg, noted that the Group now has 3 claims and that all members are free to visit them. He asks that the member send him a note about their visit and fill in their holes unless they plan on a return visit in the near future. Frank led a great trip 2 weeks ago.
- B. Social Coordinator - Mark Schutz, thanks for the excellent treats at the meeting.
- C. Store Keeper - Ann Proctor, no report

#### XI. Unfinished Business - none identified

#### XII. New Business

- A. Election of Officers - the slate of officers for the 2022 Calendar Year were introduced and approved by a voice vote of the members present as led by Rick Jackson
  1. President - John Massie
  2. Vice President - Rick Jackson
  3. Treasurer - Ann Proctor
  4. Secretary - John McGrath
  5. Membership Secretary - Adelaide Bahr
  6. Member-At-Large - Chris Burris
  7. Member-At-Large - Bill Myers
- B. Other Key Leaders
  1. Past President - Sharon Holte
  2. Editor of Pick & Pack - John Emery
  3. Field Trip Coordinator - Kyle Atkinson (new)
  4. Pebble Pubs Coordinator - David St John
  5. Webmaster, Facebook Manager, Gem & Mineral Show Coordinator - Lisa Cooper
  6. Federation Representative - Mike Nelson
  7. Social committee Coordinator - Mark Schultz
  8. Librarians - Ellie and Frank Rosenberg
- C. Christmas Party
  1. The meat will be provided by the club.
  2. Potluck items provided by members; see Pick & Pack issue instructions
  3. A voluntary White Elephant Gift exchange limited to \$15 dollar gifts will occur.
- D. Buffet to install officers third Thursday of Dec
- E. Meeting adjourned by our Vice President Rick Jackson at 8:30 PM

Meeting minutes: J. McGrath





## President's Corner

John Massie  
CSMS President



## Presidential Matters



### A message from CSMS President John Massie:

I want to thank everyone for a wonderful year despite the challenges we faced with the corona virus.

We had great participation with our field trips. The Pikes Peak Gem, Mineral, and Jewelry Show was a great success despite having to move it to October. Thanks everyone again, for a wonderful year.

I am looking forward to another great year.

Happy Holidays to Everyone.

John Massie  
CSMS President

### 2021 Satellite Group Chairs

**Kevin Witte/ Bob Germano**, Crystals

**John Massie/ Bertha Medina**, Faceting

**Jerry Suchan/ Joy Price**, Fossils

**Vacant**, Jewelry

**Sharon Holte**, Lapidary

**Vacant**, Micro-mount

**Vacant**, Photography

**David St. John / Hair/ Elick** Pebble Pups

### 2021 Liaisons

**Florissant Fossil Beds National Monument:**  
Steven Veatch

**Western Museum of Mining and History:**  
David St. John





# Federation News Post

American Federation of Mineralogical Societies  
Rocky Mountain Federation of Mineralogical Societies



## American Federation Convention and Show

- 2022, Jan 29 - 30 - Tyler TX

## Rockhound Information

- [William Holland School of Lapidary Arts \(Young Harris, GA\)](#)
- [Wild Acres Retreat \(Little Switzerland, NC\)](#)
- [Bureau of Land Management](#)
- [Crystallography](#)
- [U.S. Geologic Survey Topographic Maps](#)
- [TopoZone](#) - Topographic maps of the United States on-line



## Future RMFMS Convention Locations

- 2022, May 7-8 - Las Vegas, NV

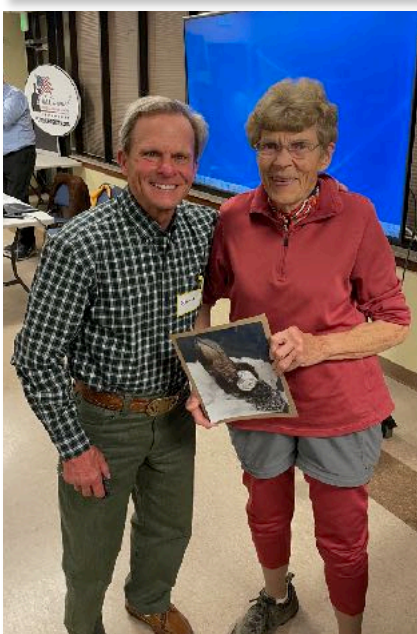
## Local Club Shows

- To let other clubs in our federation know about your upcoming show, *send an email to the Newsletter Editor.*
- For Member Club Show general information go to the “*RMFMS Club Lists*” page and check the club or city you are interested in.
- Want to see the shows in your state? Visit the Rock and Gem Magazine’s Show page and select the state you are interested in: *Rock and Gem Magazine’s Show Page*

**About the AFMS** - A non-profit educational federation of seven similar regional organizations of gem, mineral and lapidary societies. The purpose of AFMS is to promote popular interest and education in the various Earth Sciences, and in particular the subjects of Geology, Mineralogy, Paleontology, Lapidary and other related subjects, and to sponsor and provide means of coordinating the work and efforts of all persons and groups interested therein; to sponsor and encourage the formation and international development of Societies and Regional Federations and by and through such means to strive toward greater international good will and fellowship. Founded in 1947.

**About the RMFMS** - A non-profit educational organization. The purpose of the Rocky Mountain Federation is to have a close association of all clubs in the Society to promote the study of earth sciences, including the lapidary arts, the study of fossils and paleontology, and related crafts. The RMFMS was organized in 1941, and held its first annual convention at the Argonaut Hotel in Denver, Colorado. There were 16 organizations in attendance. The RMFMS became one of the original four founders of the American Federation of Mineralogical Societies when it was organized in 1947.





General Assembly  
18 Nov 21

36 hardy rockhounds gathered for general assembly Thursday night at Mt. Carmel Veteran Service Center in Co Springs, led by Vice President Rick Jackson. Marge Regel talked about her 39 years of rockhounding. The audience was thrilled and they pelted Marge with questions. Afterward, the club conducted normal business, including yummy refreshments and 5 gems/minerals were given away by drawing.





## Microlite: Are You Confused? I Am!

Mike Nelson  
csrockguy@yahoo.com

PETROGENESIS  
Crystalline magma  
Solid solution forming  
Behold, microlite!

Surprise, surprise. It is sometimes quite interesting to find a nifty mineral stuck on a shelf in the local rock/mineral store that has been displayed for a “long time.” This fall I was visiting such a store and asked about a specimen marked \$2. The genial proprietor told me that the specimen had been part of a purchased estate and to please take it off his hands since it had not sold for months. First, in this tourist locality no one really knew what it was, and secondly most could not even spot the advertised mineral on the specimen. So, I shelled out two one-dollar bills for my very own specimen of microlite (well really Microlite Group, but more on that later). I really didn't know zip about microlite except that it contained tantalum, and at times, a Rare Earth Element or two.

Confusing situations like this often remind me that I should follow the advice of my old Cocker Spaniel Bruiser: *If you can't eat it and you can't play with it then urinate on it and walk away.* Although he does use the vernacular term for ‘urinate’.

In getting the specimen home and trying to locate additional information I did find out that microlite is not a valid mineral name but is a generic moniker for the 13 members of the Microlite Group (as listed by MinDat). In turn, the Group is part of a larger classification of

minerals named the Pyrochlore Supergroup. Members of both the Group and the Supergroup are difficult to distinguish between and correctly identify without the help of magic laboratory gizmos.



**Above:** The label and my purchased specimen. The actual microlite crystal is hidden behind the tip at the <--- Photo: M. Nelson

Microlite, a tantalum (along with some other cations) oxide, may contain trace amounts of niobium (a rare earth mineral, and perhaps even scandium and yttrium) since it is in solid solution with the niobium oxide pyrochlore. MinDat notes a very complex chemical formula with many substitutions with cations and anions for microlite and pyrochlore; however, the \$2 Amelia Courthouse specimen in my collection seems to be fluorcalciomicrolite  $[(Ca,Na)_2(TaNb)_2O_6F]$  although the literature

seems replete with authors simply calling the mineral microlite (especially in older literature).



**Above:** A single crystal of "microlite" embedded in albite var. cleavelandite. Width of crystal ~3.5 mm.  
Photo: M. Nelson

Pyrochlore also is no longer recognized as valid mineral name since specimens may now be identified (usually not visually) as belonging to one of the 21 members of the Pyrochlore Group, part of the Pyrochlore Supergroup. In generic terminology pyrochlore usually means the tantalum has been replaced by niobium but scientifically such minerals are fluorcalciopyrochlore  $[(Ca,Na)_2(TaNb)_2O_6F]$  and as stated, there is a solid solution relationship between the these two minerals. The most common occurrence of generic microlite and/or generic pyrochlore is as scattered grains in lithium-rich granites.

Microlite received its original name from the

size of most crystals - small, tiny. When one does spot a crystal of microlite, it usually has a resinous luster, a dark-yellow to yellow-brown to reddish-brown to greenish-brown color, and a yellow streak. It is subtranslucent and crystals have an octahedral outline with a hardness of ~5.5. Crystals may be slightly radioactive. Mostly "microlite" forms rather nondescript, small, yellow-brown, resinous, slightly translucent crystals. As *Simon & Schuster's Guide To Rocks And Minerals* points out, microlite is "of interest to mineralogists and collectors."

As previously stated, I know very little about microlite (and now I am really confused); however, I know less about the Amelia Courthouse mines except they are situated in the Piedmont Physiographic Province of the Appalachian Mountains, are/were a "famous" collecting locality for pegmatite minerals, especially industrial mica, and amazonite. Yes, the same greenish-blue variety of microcline that is a collector's favorite in the Pikes Peak region. The mines were also noted for producing a large number of rather uncommon minerals. Grier (1994) reported:

"Rutherford Mines Nos. 1, 2, and 3 were a series of world- famous excavations into pegmatite bodies in the vicinity of Amelia Courthouse, Amelia Co., VA. The earliest recorded mining was for muscovite in the No. 1 mine in 1873, but operation in prehistoric times has been indicated... From 1912 to 1932, 15 tons of gem amazonite were taken from the No. 2 mine by the American Gem and Pearl Company of New York. Commercial operations ceased in late 1959... Outstanding specimens of microlite occur at the Rutherford Mines, finds having been recorded as early as 1881.



Masses weighing at least 8 lbs. were observed in No. 1 mine, and well-formed octahedra up to 7 cm across were found in No. 2 mine... Microlite is ordinarily found in extremely small crystals, some of microscopic size, hence, the name... The composition of Rutherford microlite approaches that of the Nb end-member of the series, pyrochlore. All of the microlite specimens are radioactive due to trace amounts of uranium. The crystals vary from opaque to nearly transparent. They are brown, greenish-brown, brownish-yellow or reddish-brown in color. The crystals occur both in the interstices of cleavelandite and in the blocky albite."

MinDat listed 54 valid minerals collected from the mines including Rare Earth Minerals, several containing tantalum and/or columbite, and others that are rare or uncommon (including some gemstones). John Sinkankas (1968) stated the mines were "classic mineral occurrences." So, although my specimen is not much to look at, it adds something to my collection coming from a classic locality!

*Don't be afraid to be confused. Try to be permanently confused.*

- George Saunders

## References Cited

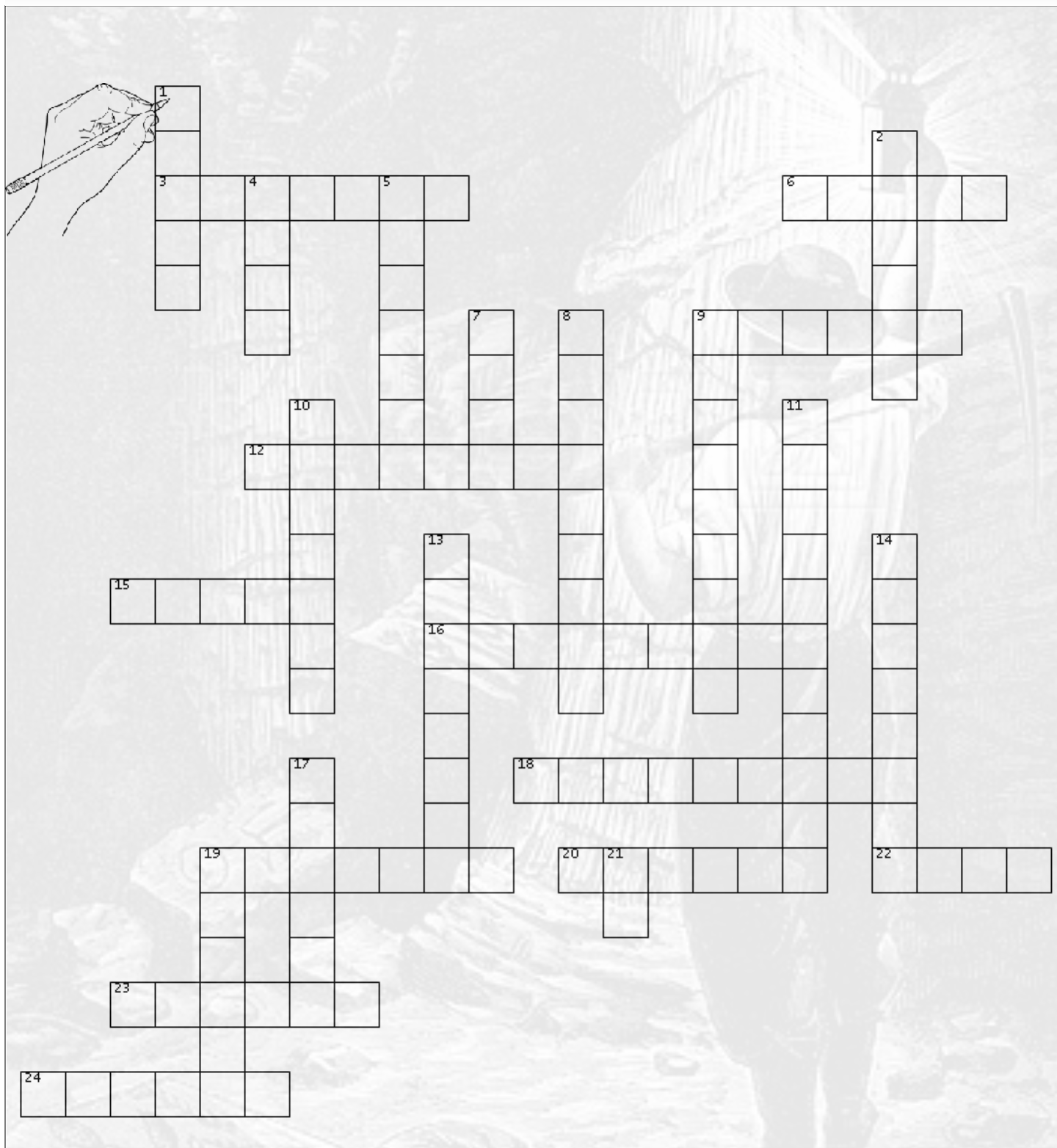
Grier, D., Jr., 1994, The Rutherford Mines: [https://tgms.weebly.com/uploads/3/3/6/9/3369036/the\\_rutherford\\_mines.pdf](https://tgms.weebly.com/uploads/3/3/6/9/3369036/the_rutherford_mines.pdf)

Sinkankas, J., 1968, Geology and mineralogy of the Rutherford pegmatites, Amelia, Virginia: American Mineralogist, vol. 53.



**Left:** The unknown, also confusing! A vug of some sort in the feldspar matrix showing gemmy, clear, elongated, and perhaps striated, crystals of an unknown mineral. One of life's unanswered questions. Width of vug ~3 mm. Photo: M. Nelson

# Crossword Puzzle - "Geology Quiz Part II" (Easy)



**"Luster:** The manner in which light reflects from the surface of a mineral."

## Crossword Puzzle Clues



### ACROSS

3. A vent in Earth's surface through which molten rock and gases escape.
6. A measure of the fineness of gold.
9. A streak of light momentarily visible in the night sky when a meteoroid penetrates Earth's atmosphere.
12. General term used in reference to an area that is conspicuously higher in elevation than surrounding lands.
15. Molten rock material that occurs below Earth's surface. When it erupts onto the surface, it is known as "lava."
16. Movement of rock, soil, volcanic ash or other material, downslope under the influence of gravity.
18. A particle of iron or rock that has fallen to Earth's surface from interplanetary space.
19. A thick mass of ice that forms on land, from an accumulation and recrystallization of snow significant enough to persist through the summer and grow year by year.
20. A geographic location where groundwater naturally discharges onto Earth's surface or into a body of surface water such as a swamp, river, lake, sea or ocean.
22. The breaking of waves as they enter shallow water.
23. The manner in which light reflects from the surface of a mineral.
24. A surface mine usually operated to produce crushed stone for the construction industry.

### DOWN

1. A long continuous ridge built along the banks of a stream to contain the water during times of high flow.
2. A subatomic particle, contained in the nucleus of an atom. It has a positive electrical charge and a mass similar to that of a neutron.
4. A rich accumulation of minerals in solid rock. Frequently in the form of a vein, layer or an area with a large concentration of disseminated particles.
5. A subatomic particle contained in the nucleus of an atom. It has no electrical charge and a mass similar to that of a proton.
7. Molten rock that has erupted onto Earth's surface.
8. A measure of earthquake strength based upon the amount of ground motion experienced and corrected for the distance between the observation point and the epicenter.
9. A particle of iron or rock found in interplanetary space. Distinguished from planets or asteroids by its much smaller size.
10. A relatively flat area in the lower levels of regional elevation.
11. The activities associated with the search for an area of probable mineralization.
13. A group of two or more atoms held together by chemical bonds.
14. The resistance of a mineral to being scratched. Typically measured using the Mohs Hardness Scale.
17. Adjective used to describe a substance that doesn't allow visible light to enter or pass through.
19. A hot spring that intermittently erupts a spray of steam and hot water. Caused by the heating of groundwater within a confined opening in hot rock.
21. A relative measure of the acidity or alkalinity of a water based upon a scale that ranges between 0 and 14 with 7 being neutral.





Field Trip Report  
F. Rosenberg

Sat Oct 30 2021, a fair size group of us took advantage of a great fall day to get some collecting time in on our club claims. Many of us were able to find some Smoky Quartz crystals and or some Amazonite. It was good to be out in the mountains on a sunny day.





## Pebble Pups

David St. John



## CSMS Pebble Pups and Earth Science Scholars

### Calling Pebble Pups and Earth Science Scholars



We are missing all your bright and shining minds for our monthly Thursday meetings. December will be a ton of fun with Earth science games and crafts. Make a card for your family or a fossil ornament for the tree. All that attend will get a special once a year gift too! **December 16<sup>th</sup> 2021, 5:30 PM - 6:15 PM.** Bring a treat if you want to share, like fossil cookies, mineral candy, or any fun treat. Hope to see you all soon. Explore your world together.

### Remember to Send a Poem for Our Contest

Last year we had national winners in our combined clubs and these poems and essays are published in magazines and shared with all the clubs. Good luck and create the next winner.

### We Want Your Input on How to Make it Better

Question 1 Are Thursdays hard for you to attend at 5:30 once a month?

Question 2 What Earth Science topics would you like to talk about?

Question 3 How can we make this a better experience for you?

Question 4 What is the best way to communicate with you? Email and *Pick & Pack* are the forms we use now.

Thank You,  
David, Blake, and Ben

Please email if you want to respond, to: fossilfun14@gmail.com or call David St. John at 719-424-9852.

**Happy Holidays and we hope you get a rock, mineral, or fossil as a present. I even like Coal lol.**



## Wade's City: An Early Gateway to Cripple Creek

Steven Wade Veatch

A researcher at the Cripple Creek District Museum recently examined a tattered photo album that once belonged to a family who lived in the Cripple Creek Mining District. One photograph (figure 1) in the album, probably taken in 1901, shows a building at Wade's City, a rough-and-tumble settlement on the Old Stage Road near Colorado Springs. The person in the



**Fig 1:** One of the buildings at Joel H. Wade's stage stop on the Old Stage Road. On the front of the photo this is written in pencil: "Wade's Inn, Cheyenne Mountain Stage Road, old landmark." This is not a photo of Wade's Inn, but more likely a photo of a storage building due to the lack of windows. *Photo date circa 1901. Modified from a cyanotype. Photographer unknown. Photo courtesy of the Cripple Creek District Museum.*

photograph might be Joel Hayford Wade, the man who established the place. Joel H. Wade arrived in the Colorado Springs area 14 years after its founding by General Palmer. After looking around for land, he settled at the foot of Cheyenne Mountain in 1885. Soon after gold was found in Cripple Creek, and that area boomed, the Cripple Creek stage stopped at Wade's place, making it a busy spot.

The photograph reveals many things. It shows a man standing alone, in stiff silence and edgy exhaustion. He is a massive man, built like a barn door. He is shaved clean as a smooth stone, wears a jacket that does not fit, and sports a hat with a bit of swagger. Perhaps he is looking at his place one last time.

At the center of the photograph is the ramshackle cabin Wade built with heavy, hand-hewn logs notched at the ends and laid one upon another. Mud chinking fills the spaces between the logs. A tattered tarp covers the roof. Inside, the cabin is dark—tarps hang over windows. We can

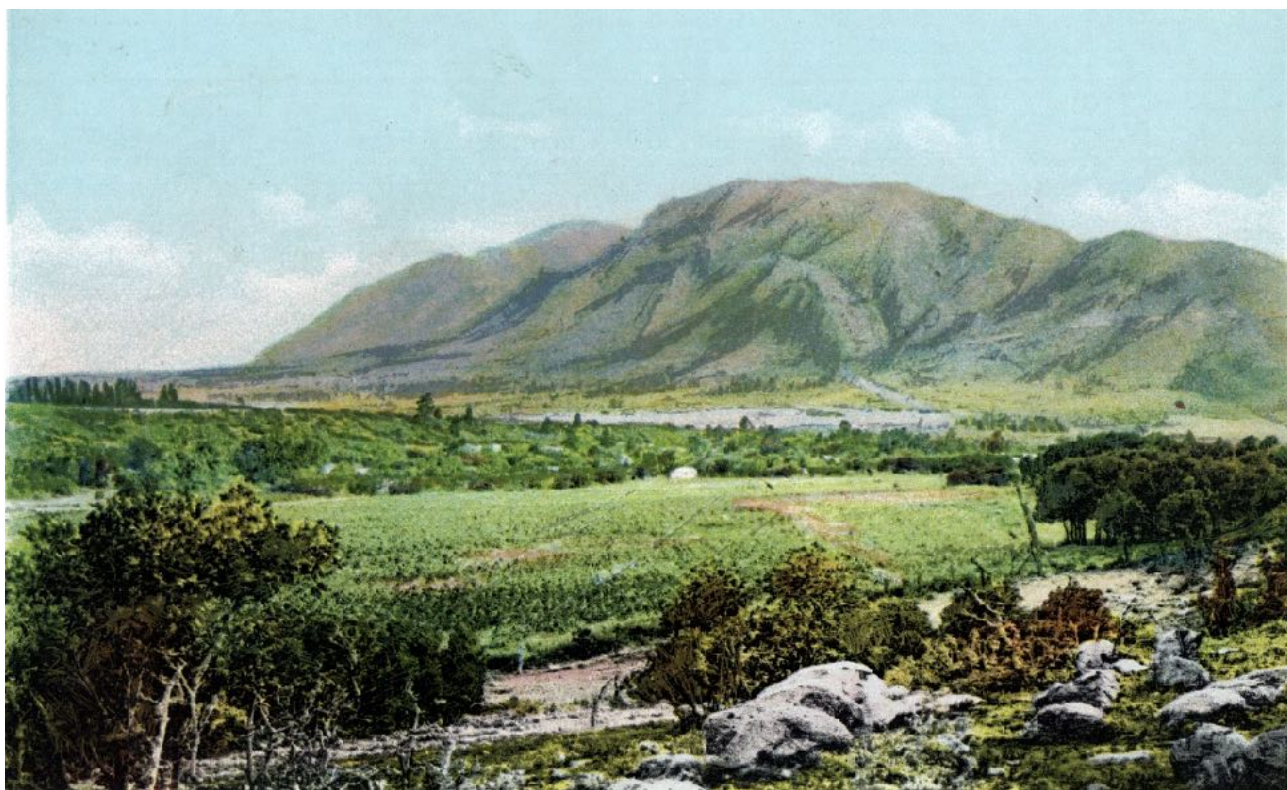


imagine that spiderwebs fill some cracks and smokey smells linger by the open door.

Outside, a handsaw rests on a weathered granite rock covered with splotches of lichen. A broken lantern sits nearby. Boulders behind the cabin are waiting the ages out. Helen Hunt Jackson wrote about one gigantic granite boulder at Wade's place when she passed through (Conte, 1984).

There are things not seen in the photo. Perhaps there are horses that nosed one another in a pole corral. There might be a downed log crumbling into soil, and on the north side of the cabin, piles of pine needles and cones covering the moss-cushioned ground. Possibly silence fills the pine scented air until an agitated chickadee starts a fit of chirping.

Joel Wade was born in New York in 1827. In 1885, at the age of 58, Wade homesteaded at the foot of Cheyenne Mountain. He chose land on the south branch of south Cheyenne Creek by the Cheyenne and Beaver Park Toll Road (Gazette Telegraph, 1934).



**Fig 2:** View of Cheyenne Mountain, Colorado. *Graphic: From the S.W. Veatch postcard collection.*

The toll road began as a work road, evolved into a road for scenic trips to local resorts and hiking trails, and then was extended to reach the goldfields of Cripple Creek (Conte, 1984). The road ultimately became known as the “Old Stage Road.”

Wade's place was four miles west of the road's tollgate. Wade thought there would be enough people traveling on the road to support a saloon. His saloon, or Wade's Inn, became a popular place to stop (Peterson 2002). He stood behind the bar and poured drinks for travelers who stopped by for a break (Peterson 2002). As stage traffic increased, Wade added several more buildings.

Continued ...

Blackhawk Davis came to this area and built a blacksmith shop (Peterson, 2020). Davis maintained the machinery of the men who worked on the toll road. Davis's surprising strength was well known. According to one account, he slung a 40-pound sack of flour over his shoulder and carried it on his back all the way from Colorado Springs to his cabin at St. Peter's Dome, a hike of over 11 miles (Conte, 1984).

After a prospector discovered gold at Cripple Creek in 1890, a rush to the gold fields started. In the early days of the district there were only stage and wagon roads to the gold camp. El Paso County Commissioners worked on a plan to extend the Cheyenne and Beaver Park Toll Road to Cripple Creek (Conte, 1984). Once the road was completed, there was regular stage service to Cripple Creek.

The Cripple Creek stage started its run to the gold camp from the corner of Colorado Avenue (then called Huerfano Street) and Tejon Street in Colorado Springs. A team of horses pulled stages that carried card sharps, snake serum sellers, miracle medicine men, merchants, and fortune seekers.

With the blacksmith shop and tavern in place, the Cripple Creek stage stopped at Wade's place regularly during the mining camp's boom days (Horgen, 1923; Patterson 2002). With the steady traffic of travelers, Wade added rental cabins for visitors to rest or spend a night or a few days to enjoy the scenery before traveling on (Conte, 1984). By one account, Mrs. Moore ran a small brothel in one of the cabins (Peterson, 2002). By the early 1890s Wade's settlement, known as "Wade's City," had twelve buildings and covered 6 acres (Conte, 1984). However, this stage stop never became an official town or had a post office (Conte, 1984).

A story has been told that a drunk miner entered Wade's cabin one night when it was cold outside. He was too drunk to build a fire in the stove; instead, he started the fire in the middle of the cabin's floor. The flames quickly spread and burned the cabin down (Conte, 1984).

Over time Wade developed a problem with the liquor that he sold at his inn. He often came home late and stumbled through the front door, drunk. According to an article that appeared in the August 10, 1893, edition of the Colorado Springs Weekly Gazette, Wade checked into the Keeley Institute at 18th and Curtis Street in Denver, a facility established by Dr. Keeley to treat alcoholism (Public Opinion, 1916). The institute promoted the injections of "bichloride" or "double chloride" of gold into the patients. By the late 1800s, there were 200 treatment centers nationwide and boasted a 50 percent success rate. Dr. Keeley used an early type of group therapy for his patients that contributed to their recovery (White, 2016).

By 1900, the Colorado Springs and Cripple Creek District Railroad, known as the Short Line, started service between Colorado Springs and Cripple Creek. The Short Line replaced the stagecoach, and there would be no stops at Wade City or stages running after 1905 (Conte, 1984). The railroad tracks followed the same general route of the stage road (Peterson, 2002).





**Fig 3:** View of At. Peter's Dome on the Cripple Creek Short Line, now the Gold Camp Road. Graphic: From the S. W. Veatch photograph collection.

As time passed, Wade's life changed. The stage no longer stopped, and Wade's City was quiet as a deserted mine shaft. His days dwindled, and sand slipped through the hourglass. He knew he would soon be gone. That day almost came for him in February 1913, while he still lived in the settlement named for him, when he got lost in a snowstorm and nearly froze to death (Conte, 1984).

By this time, he was 85 years old. Mountain life had put its brand on him. Although tougher than boot leather, he was feeling the botherations of old age. Time blew away like leaves in a fall breeze, and it was time for Wade to move on. Joel Wade took a deep breath when he took his last look at his settlement and then turned to leave.

The Colorado Springs City Directory shows Wade living at the county poor farm from 1913 until 1916. Although there is no record that Wade's grandson, Fred Barr, who built Barr trail to the summit of Pikes Peak, visited him at the poor farm, it is likely that he did.

Wade died in 1916 at the age of 88. He is buried in Colorado Springs' Evergreen Cemetery. By 1934, all of Wade's City was gone, now part of Cheyenne Mountain's buried memories. This old photograph of Wade's Inn now belongs to the past, and Joel Wade has stepped into yesterday.

### **Acknowledgments**

I thank Eric Swab for his help with this manuscript. I thank the Colorado Springs Oyster Club critique group for reviewing the manuscript, and Dr. Bob Carnein for his valuable comments and help in improving this paper.



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**John Emery**  
Editor

Thanks to our contributors. We encourage everyone to submit articles, photos, illustrations or observations.

Share your experiences, your new finds, or simply your enjoyment of our last field trip.

Handwrite it, type it, or email it. Format does not matter. All submissions are welcome. The DEADLINE for items to be included in the next Pick & Pack is the **last day of the month**.

To submit an item:

For hardcopy photos or articles, mail to the address below or bring them to the General Meeting. All hardcopy photos remain the property of the submitter and will be returned. Electronic photos can be submitted at resolutions above 200 dpi in ANY format.

Feature articles can be in MS Word or Mac Pages, preferably NOT pdf.

e-mail to the editor:  
csmseditor@hotmail.com

Mail to:  
Pick & Pack Editor  
PO Box 2  
Colorado Springs, CO 80901

The PICK & PACK is published ten (10) times per year (no issues in January or August). Unless otherwise marked, materials from this publication may be reprinted. Please give credit to the author and CSMS PICK & PACK.

## Classifieds & Announcements



### Club Officer Vacancies

We have two chairperson positions vacant. Please consider volunteering for these fun and rewarding club positions.

**(Additional) Federation Representative** (Club Chairperson)

- Liaison to the American Federation of Mineralogical Society (AFMS) and the Rocky Mountain Federation of Mineralogical Society (RMFMS)

**Science Fair Chair** (Club Chairperson)

- Help junior members participate in Science Fairs

Contact CSMS President John Massie, [jmassie1075@gmail.com](mailto:jmassie1075@gmail.com) if interested in any of these positions.



### Feature Photo

Mike Nelson

Acanthite, a low temperature silver sulfide, is a common ore of silver, lead grey in color although it tarnishes black, has a metallic luster, and is soft. What makes Monoclinic acanthite such a nifty display specimen is that it often appears as a "stack" of pseudo-octahedral and/or pseudo-cubic crystals formed when Cubic argentite, the high temperature silver sulfide, cooled below ~ 177 °C.

*Thanks to Editor Michael Seeds of the Baltimore Mineral Society Conglomerate for permission to repost. Photo: M. Nelson*

*Club members are encouraged to submit their own feature photo, anytime. Submit to [csmseditor@hotmail.com](mailto:csmseditor@hotmail.com). Found a cool rock you want to share? Send it in with your comments.*



# Colorado Springs Mineralogical Society

Post Office Box 2, Colorado Springs, CO 80901

[www.csms1936.com](http://www.csms1936.com)

## 2022 APPLICATION FOR MEMBERSHIP

LAST \_\_\_\_\_ FIRST \_\_\_\_\_ MIDDLE \_\_\_\_\_

SPOUSE \_\_\_\_\_ Child (Name) \_\_\_\_\_ Age: \_\_\_\_\_ GRADE \_\_\_\_\_

Child (Name): \_\_\_\_\_ Age: \_\_\_\_\_ GRADE \_\_\_\_\_

STREET \_\_\_\_\_ CITY \_\_\_\_\_

STATE \_\_\_\_\_ ZIP \_\_\_\_\_ EMAIL \_\_\_\_\_

CELL \_\_\_\_\_ HOME \_\_\_\_\_

Have you previously been a member of the CSMS? YES \_\_\_\_ NO \_\_\_\_ WHEN \_\_\_\_\_

May your name and contact information be published in the CSMS Membership Directory, distributed only to members? YES \_\_\_\_ NO \_\_\_\_

May your photo may be used in the CSMS Publication "The Pick & Pack"? YES \_\_\_\_ NO \_\_\_\_

	New/ Continuing Members		New Members Only that signed up on/ between:			
	Before Jan 31, 2022	After Jan 31, 2022	May 31, 2021 - Sep 30, 2021	Oct 1, 2021 - Jan 31, 2022		
<b>Pebble Pup Membership</b> (4 – 12 years old/ parent is not a member)	\$10.00	\$15.00	\$7.50		\$10.00	
<b>Junior Membership</b> (12 –17 year old/ parent is not a member)	\$10.00	\$15.00	\$7.50		\$10.00	
<b>Individual Membership</b> (18 and over)	\$25.00	\$30.00	\$15.00		\$25.00	
<b>Family Membership</b> (2 adults & dependents under 18)	\$35.00	\$40.00	\$20.00		\$35.00	
<b>Corporate Membership</b> (Up to five (5) Individual Memberships)	\$95.00	\$100.00	\$50.00		\$95.00	

**SATELLITE GROUPS:** Please check all you may be interested in joining - *Fill out each year, please*

PEBBLE PUPS		FACETING		LAPIDARY		Other: _____ _____ _____
JUNIORS		FOSSILS		PHOTOGRAPHY		
CRYSTAL		JEWELRY		OTHER		

**VOLUNTEER OPPORTUNITIES:** Volunteers are what make our club! - *Fill out each year, please*

GUEST SPEAKER		FIELD TRIPS		EDITOR/WRITING		List any other things you may be willing to do:
CLUB OFFICER		LOCAL ROCK SHOWS		LIBRARY		
HISTORIAN		ARTIST/MEDIA		REFRESHMENTS		

**I hereby agree to abide by the Constitution and By-Laws of the Colorado Springs Mineralogical Society available at:**  
[http://www.csms1936.com/wp-content/uploads/2017/02/Constitution\\_and\\_By\\_Laws.pdf](http://www.csms1936.com/wp-content/uploads/2017/02/Constitution_and_By_Laws.pdf) **I have read the membership information, as well as the request and waiver for field trips on page II (following). I understand that all members must sign a separate waiver at each field trip to participate. I agree to abide by the American Federation of Mineralogical Societies (AFMS) Code of Ethics available at:**  
<http://www.amfed.org/ethics.htm>

Signature of Primary Applicant or Guardian if Minor \_\_\_\_\_

Application Date \_\_\_\_\_

Mail this form and your payment to: Colorado Springs Mineralogical Society, PO Box 2, Colorado Springs, CO 80901-0002  
 Membership Chair Rev: 3 Dec 21



## Page 2: CSMS Application 2022

- Membership information page -
- Waiver Release to participate in Field Trips -

### Membership Information

- Membership to CSMS is annual, from January 1<sup>st</sup> to December 31<sup>st</sup>. Membership dues must accompany this application, which must be filled out each year.
- Members must abide by the CSMS Constitution and By-Laws, located on the web at: [http://www.csms1936.com/wp-content/uploads/2017/02/Constitution\\_and\\_By\\_Laws.pdf](http://www.csms1936.com/wp-content/uploads/2017/02/Constitution_and_By_Laws.pdf)
- Members in good standing receive the following benefits: 10 electronic issues of the CSMS *Pick & Pack* newsletter; right to participate in all field trips (additional fees may be required on some field trips and members are responsible for all transportation to and from); participation in one or all Satellite Groups (some groups may request additional fees to help cover resource costs); free admission to the Western Museum of Mining and Industry; a year of learning and enjoyment, plus a lifetime of memories. The Pebble Pup program is a satellite program.
- Continuing memberships must pay full-year dues; a \$5 discount can be applied to renewals on or before January 31<sup>st</sup>. Anyone who has previously been a member must pay the full rate each year regardless of the time of the year they pay their dues.
- A person, family, or corporation joining the CSMS as a new member after May 30<sup>th</sup> shall pay half the yearly membership rate. A person joining CSMS as a new member after October 1<sup>st</sup> receives the rest of the current year plus the next year's membership. The partial year membership shall not apply toward the 25 year Lifetime Membership.
- Members who have paid their dues for 25 years will be awarded a Lifetime Membership on their 26<sup>th</sup> year. Lifetime Members receive all of the CSMS benefits and no longer have to pay the annual dues. Individual Memberships provided by Corporate Membership are excluded from Lifetime Status. Corporate membership grants up to 5 individual memberships and one yearly (10 issues) 3.5" x 2" advertisement in the CSMS *Pick & Pack*.

### **Release by Participants from Claims Arising By Virtue of Mineral Collecting**

Led By Field Trip Leader of the Colorado Springs Mineralogical Society  
A Non-Profit Corporation – Member: Rocky Mountain Federation of Mineralogical Societies

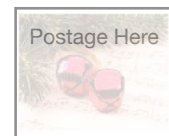
I/we, the undersigned, hereby request permission to participate in mineral collecting led by the Field Trip Leader of the Colorado Springs Mineralogical Society, a non-profit corporation.

I/we know the risks and danger involved in such activities and that unanticipated and unexpected dangers may arise during such activities, and I/we assume all risks of injury to my / our persons and properties that may be sustained in connection with the stated and associated activities in and around the premises.

In consideration of the permission granted to me/our participation in the stated activities, I/we hereby for myself, my heirs, administrators, and assigns release to the Colorado Springs Mineralogical Society and the Rocky Mountain Federation of Mineralogical Societies, and their representatives, servants, agents, officers and officials and all other participants in the stated activities of and from all claims, demands actions and causes of actions of any sort, for injuries sustained to my/our person and/or property during my presence on the premises and participation in the stated activities due to negligence or any other fault.



Pick & Pack  
P.O. Box 2  
Colorado Springs, CO 80901-0002



**CSMS is an incorporated nonprofit organization with the following goals:**

- To promote and disseminate knowledge of the earth sciences, especially as they relate to mineralogy, lapidary, and fossils.
- To encourage study, collection, and fashioning of minerals.
- To accomplish the same through social meetings, lectures, programs, displays, shows, and field trips.
- The Pick & Pack newsletter is published 10 times each year to assist and promote the above.

**Joining the Colorado Springs Mineralogical Society (CSMS):**

- Meetings are held the third (3rd) Thursday of each month, except January & August.
- 7:00 PM at Mt. Carmel Veterans Service Center; 530 Communication Circle, Colorado Springs, CO 80905
- Visitors are always welcome.
- Individuals—\$30, Family—\$40, Juniors—\$15, Corporate—\$100.
- Find the application at the web site: [www.csms1936.com](http://www.csms1936.com). If you are interested in joining CSMS or would like more information, we encourage you to attend our next General Meeting or visit our web site.

**Meetings:**

CSMS also offers Satellite Group meetings that allow more focused attention in specific areas of our members' interests. Our current Satellite Groups consist of the following: Crystal Study Group, Faceting Group, Fossil Group, Lapidary Group, and Pebble Pups/Juniors. For details on Satellite Group meetings, check out the calendars on page 2 and the web site.

**Membership Benefits:**

Yearly dues include 10 issues of the *PICK & PACK*, all field trips (additional fees may be required on some field trips, and members are responsible for all transportation to and from), participation in all Satellite Groups (some groups may request additional fees to help cover resource costs), free admission to the *Western Museum of Mining & Industry* (carry your card), a year of learning and enjoyment, plus a lifetime of memories.

**Colorado Springs Mineralogical Society is a Member of the following organizations:**

- American Federation of Mineralogical Societies (AFMS) [www.amfed.org](http://www.amfed.org)
- Rocky Mountain Federation of Mineralogical Societies (RMFMS) [www.rmfmms.org](http://www.rmfmms.org)